IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applica		Roberts et al.			0 10
Applicati Date File	tion No.: ed:	Concurrently Herewith			20
Title:		ELECTRO-CHEMICAL ANA THERMAL SENSOR AND N USING THE DEVICE			10/0247
		CERTIFI	CATE OF MAILING		- ')
	POS ASS	EREBY CERTIFY THAT THIS CORRESPO TAL SERVICE AS FIRST CLASS MAIL IN ISTANT COMMISSIONER FOR PATENTS SHINGTON, D.C. 20231, ON:	AN ENVELOPE AD DECEME	DRESSED TO: DEV 18,2001 —	STATES
		MOTORO	Date of E	Deposit	(/
	-	Name of A		12-18-61	(
		SIGNATURE		DATE	0/
		INFORMATION DISC	LOSURE STA	ATEMENT (IDS)	7
	t Commi gton, D.C	ssioner For Patents 2. 20231			4
SIR:					10
	hed Forn	dance with 37 C.F.R. §1.56 and in con PTO/SB/08 and/or subsequently idutes Patent and Trademark Office.			
I.	COPIES	8			
	a. 🛛	A legible copy of (i) each U.S. an caused it to be listed; and (iii) all o			
	b.	included herewith. Any patents, publications or other enclosed herewith were previously applications which has been relied u	cited by or sul	omitted to the PTO in one of	the following
		U.S. Serial Number		U.S. Filing Date	
II.	CONCI a. ⊠	SE EXPLANATION OF THE RELE Except as may be indicated below information are in the English langu	in (b) of this sec	ction, all of the patents, public	ations or other
	b. 🔲	A concise explanation of the releva	ince of all patents		tion listed that
	c. 🔲	is not in the English language is as f The following additional information		the Examiner's consideration:	
III. 🗖	The Exarelated	REFERENCE TO RELATED APPL aminer is advised that the following of to the present application. By br nt(s) does(do) not waive the confider	co-pending applicinging this (thes	e) applications to the Examin	

Art Unit

Filing Date

Serial No.

FEES

IV. 🛛	THIS II	OS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)
. —	a. 🛛	within three months of the filing date of a national application other than a continued prosecution
	b. 🗌	application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required. within three months of the date of entry of the national stage as set forth in § 1.491 in an
	0.	international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.
	c.	before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or
	. —	statement is required.
	d.	before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
V. 🔲	THIS II	OS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box)
	under 3'	he mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance 7 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R.
	§1.97(c) a. ☐ b. ☐	No statement; therefore, charge deposit account 13-4771 the fee set forth in 37 C.F.R. §1.17(p). See the statement below. No fee is required.
VI. 🔲	THIS IF	OS IS DEINIC EILED LINDED 27 C E.D. \$1.07(d).
V I		OS IS BEING FILED UNDER 37 C.F.R. §1.97(d): fore payment of the issue fee and is accompanied by the following:
	1)	a statement under 37 C.F.R. §1.97(e) as provided below; and
	2)	charge deposit account 13-4771the petition fee set forth in §1.17(p).
VII. 🔲	STATE	MENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)
_	The und	ersigned hereby states that
	a. []	each item of information contained in the IDS was cited in a communication from a foreign Patent
	b. <u></u>	Office in a counterpart foreign application not more than three months prior to the filing of IDS; or no item of information contained in the IDS was cited in a communication from a foreign Patent
	۵.۵	Office in a counterpart foreign application, and to knowledge of the person signing the statement
		after making reasonable inquiry, no item of information contained in the IDS was known to any
		individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or
	c.	some of the items of information contained in the IDS were cited in a communication from a
	_	foreign Patent Office. As to this information, the undersigned states that each item of information
		contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart
		foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in
		the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign
		application or, to the knowledge of the person signing the statement after making reasonable
		inquiry, no item of information contained in the IDS was known to any individual designated in 37
		C.F.R. 1.56(c) more than three months prior to the filing of this statement.
VIII.	PAYME	ENT OF FEES
		A check in the amount of is enclosed for the above-identified fee(s).
	\Box	Please charge Deposit Account No. 13-4771 in the amount of \$180.00 for the above-indicated
	\boxtimes	fee(s). If Applicant has overlooked any additional fees, or if any overpayment has been made, the
		Commissioner is hereby authorized to credit or debit Deposit Account 13-4771.
	\boxtimes	Two Copies of this paper are attached for Deposit Account charges and debits.

It is Applicant(s)' opinion that the claims presently on file patently distinguish the present invention from each of these references. The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 13-4771.

Respectfully submitted, Roberts et al.

Attorney for Applicant(s)

William E. Koch

Reg. No. 29,659 Tel. 602-952-3486

MOTOROLA, INC. Customer Number 23330

PTO/SB/08 Enclosures: References Foreign Search Report

Other:

	or form 1449A/F	e this box. FORM PTO		nplete if Known	
			Applicati n Number		
INFORMA	ATION DISC	LOSURE	Filing Date		
STATEM	ENT BY API	PLICANT	First Named Inventor	Peter C. Roberts	
			Group Art Unit		
(use as man	y sheets as ned	cessary)	Examiner Name		
Sheet	1	of .	Attorney Docket Number	CT00-033	

			U. 9	S. PATENT DOCUMENTS		
Examiner Initials*	Cite No. 1	U.S. Patent Doo Number Code ²	ument Kind (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6048699		Foley et al.	4/11/00	
		6013446		Maracas et al.	1/11/00	
		6083762		Papen et al.	7/4/00	
		6312960		Balch et al.	11/6/01	
		6285490		Meier et al.	9/4/01	<u> </u>
		5981166		Mandecki	11/9/99	·
	1	6266459		Walt et al.	7/24/01	
		6261782		Lizardi et al.	7/17/01	
		5945286		Krihak et al.	8/31/99	
		6290839		Kayyem et al.	9/18/01	
		6264825		Blackburn et al.	7/24/01	
		6277576		Meade et al.	8/21/01	
	!	6063573		Kayyem	5/16/00	
		6071699		Meade et al.	6/6/00	
		6087100		Meade et al.	7/1/00	
		6090933		Kayyem et al.	7/18/00	
		6096273		Kayyem et al.	8/1/00	
		6013170		Meade	1/11/00	
		6013459		Meade	1/11/00	
		6080969		Goto et al.	6/27/00	
		6230497		Morris et al.	5/15/01	

			FOI	REIGN PAT	ENT DOCUMENTS			
Examiner Initials*	Cite No. 1	Office ³ Code ²	oreign Patent Docur Number ⁴	nent Kind (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		PCT	WO07/18226		Hogan et al.	5/22/97		

Examiner	Date
Signature	Considered
EVALUATED. L. C.	11 ADED COO DE LE

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Please type a plus sign (+) inside this box. FORM PTO/SB/08

Substitute	for form 1449A/F	OTO	Com	Complete if Known		
			Application Number			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date			
			First Named Inventor	Peter C. Roberts		
			Group Art Unit			
(use as many sheets as necessary)			Examiner Name			
Sheet	2	of	Attorney Docket Number	CT00-033		

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		Eísen, M.B. et al., Proc. Natl. Acad. Sci., 95 , p. 14863-8, (1998)	
		Spellman, P.T., et al., Molecular Biology of the Cell, 9, p. 3273-97, (1998)	
•		Brazma, A., et al., Genome Research, 8, p. 1202-15, (1998)	
· -		O'Donnell-Maloney, Maryanne J. et al., Tibtech, 14, p. 401-407, (1996)	
-	,	Fodor et al., Science, 251 , p. 767-773, (1991)	
		Schober, A., et al., BioTechniques, 15(2) , p. 324-329, (1993)	
		Czarnik et al., Modern Drug Discovery, 1(2), p. 49-55 (1998)	
		Kajiyama, T., et al, Micro Total Analysis Systems 2000, p. 505-508, (2000)	
		Corle, G.S., and Kino, G.S., Confocal Scanning Optical Microscopy and Related Imaging Systems, Chapter 1.3 , Academic Press 1996	
	,	Basarsky, T., Verdnik, D., Zhai, J.Y., & Wellis, D., Microarray Biochip Technology, p. 265-284, BioTechniques Books, edited by Mark Schena, Eaton Publishing (2000)	
		Brevnov, D., et al., Journal of Electroanalytical Chemistry 2000, 488(2), p. 133-139, (2000)	
		Senaratne, C; and Hanck, K.W., Chem. Instrumentation, 20(1), (1992)	
		Provance, J.D., Insulation/Circuits, p. 33-36, (1977)	
	/	Muskal, N., et al., Current Separations, 19(2), p. 49-54, (2000)	

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English Language Translation is attached.